

10/583840

AP20 Rec'd PCT/PTO 22 JUN 2006

CMT-0072 sequence listing.txt

<110> RHEE, Young Ha
KIM, Young baek
CHUNG, Chungwook
YOON, Jooseog
LG CHEM, LTD.

<120> POLY(3-HYDROXYALKANOATE) BLOCK COPOLYMER HAVING SHAPE MEMORY EFFECT

<130> CMT-0072

<150> KR 10-2005-0059907

<151> 2005-07-04

<160> 14

<170> KopatentIn 1.71 and text editor

<210> 1

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 1

ccgccstgsa tcaagtac

18

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 2

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20

<210> 3

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 3

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24

<210> 4

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

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<223> Primer

<400> 4
tcadmsyttt acrtarcgkc ctggygc 27

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 5
gatcgatacc aatctcaccg 20

<210> 6
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 6
caaagccagt ggttcgacgt a 21

<210> 7
<211> 19
<212> DNA
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<220>
<223> Primer

<400> 7
ctgctgaaac tgttggagc 19

<210> 8
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 8
gggggtacca ataaggagat atacatatgg gtactgcgag caatgcg 47

<210> 9
<211> 28
<212> DNA
<213> Artificial Sequence

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<220>
<223> Primer

<400> 9
cccactagtt cagcgctcga tggccagc 28

<210> 10
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 10
gggcatatga cccagaagaa caacagcg 28

<210> 11
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 11
cccactagtt cadmscttya crtaacgtcc tggcgcygc 39

<210> 12
<211> 756
<212> DNA
<213> Pseudomonas sp. HJ-2

<220>
<221> variation
<222> (482)
<223> n=A, C, G or T

<400> 12
atgggtactg cgagcaatgc ggcacgtata gctctgggtca ccggtgggtat gggcggtatc 60
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ccctactcca gccgcaaggc ttcctggatt gccacgcaac tcgaggcggg ctttcacttc 180
cactgcatcg actgcgacat caccgactgg gatagcacc gccaggcctt cgacatgggtg 240
cacgagactg tcggcccgat cgatgtattg gtcaacaatg ccggcatcac ccgcgacggc 300
actttccgca agatgtcccc ggaaaactgg aaggcggtga tcgataccaa tctcaccggc 360
ctgttcaaca caaccaagca ggtcatcgag ggcatgctgg ccaagggctg gggacgcgtc 420
atcaacatct cctcaatcaa tggccagcga ggccagttcg ggcagaccaa ctactccgcg 480
gncaaggctg gcattcatgg cttcagcatg gccttggccc gcgagggtgag tggcaagggc 540

CMT-0072 sequence listing.txt

| | |
|--------------------------------------------------------------------|-----|
| gtgaccgtca atacggtttc ccctggctac atcaagaccg acatgaccgc ggcgattcgc | 600 |
| ccggacatcc tcgaagacat gattactggc attcccgtgg gccgtctcgg ccagcccagag | 660 |
| gagatcgctt cgatcgtggc ctggctggcc tccgatcagt ctgcctatgc caccggcgcc | 720 |
| gacttctcgg tgaatggcgg catgaacatg cagtga | 756 |

<210> 13
 <211> 1179
 <212> DNA
 <213> Pseudomonas sp. HJ-2

<220>
 <221> variation
 <222> (207)
 <223> n=A, C, G or T

<220>
 <221> variation
 <222> (209)
 <223> n=A, C, G or T

| | |
|--------------------------------------------------------------------|------|
| <400> 13 | |
| atgatcgaag tcgttatcgt cgccgccact cgcaccgcca tcggcgcttt ccaggggagc | 60 |
| ctggccggca ctcccgccgt tgaactgggc gccacgggtga tccgccgcct gctcgaacag | 120 |
| accgctctgg atagcagtca ggtggatgaa gtgatactcg gccacgtact caccgccggt | 180 |
| gctggcagaa taccgctcgc caggcancng gtcacgcgcg gcctgccaca cgccgtaccg | 240 |
| gcgatgaccc tgaacaaggt ctgtggctcc ggcctgaaag ccctgcacct gggcgcccag | 300 |
| gccatccgct gtggcgatgc cgaggtggtg attgccggtg gcatggagaa catgagcctg | 360 |
| tcgtcctatg tcctgcccac ggcccgccacc ggcctgcgca tgggccacgc gcagctggtc | 420 |
| gacagcatga tcgtcgacgg cctgtgggac gccttcaacg actaccacat ggggatcact | 480 |
| gccgagaacc tggtagacaa gtacggcatc agccgcgaag cccaggacga attcgccgcc | 540 |
| gcctcgcagc agaaagccgt ggccgccatc gagaccggtc gcttccgcga cgagatcgtc | 600 |
| ccggtgagca ttccgcagcg caagggcgag gcgctgagct tcgacaccga cgaacagcca | 660 |
| cgcgccggca ccaccgccga gtcgctgggc aagctgaaac cggccttcaa gaacgacggc | 720 |
| agcgttactg ccggcaacgc ttccagtctc aacgacggcg ccgccgcggt actgctgatg | 780 |
| agtgcggcaa aggccgcagc gcttgggtctg ccagtgtggt cgaagatcgc cgcctacgcc | 840 |
| aatgccggcg tcgacccggc gatcatgggt atcggaccgg tgtcggccac ccgcagttgc | 900 |
| ctggagaagg cgggctggag tctggcagag ctggatctga tcgaggccaa tgaagccttc | 960 |
| gcggcccagg ccctggccgt gggtcaggag ctgggctggg atgctggcag ggttaacgtc | 1020 |
| aacggcgggc ccacgcacct cgccacccc attggcgctt ccggctgccg cgtactggtc | 1080 |

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agcctgctgc atgaaatgct caggcgcgac gcgaaaaaag gcctcgctac cctgtgtatc 1140
 ggtggcggcc agggcgtggc gctggccatc gagcgctga 1179

<210> 14
 <211> 1701
 <212> DNA
 <213> Pseudomonas sp. HJ-2

<400> 14
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 caaagccagt ggttcgacgt acctgtcgag gcgttggagc aactgcaggc ggactaccaa 180
 caacagtggg ccgaacttgg ccagcaattg ctgagctgcc agccgttcgc attcagcgat 240
 cgtcgcttcg ccagtggcaa ctggagcgaa ccgctgttcg gttccctggc tgccttctac 300
 ctgctgaatt ccggtttcct gctgaaactg ttggagcttc tccccatcga tgagcagaag 360
 ccccgccagc gcttgcgta cttgatcgag caagcgattg ccgcaagcgc cccaagtaac 420
 tttctgctga gcaaccctga tgccctgcaa cgcctagtgg aaaccaggg cgccagccta 480
 ctaagtggcc tgttgcatct tgccagtga cctgcaggcag gcaagttgcg ccaatgtgac 540
 ttgggcgatt tcgaagtcgg cgtgaatctg gccaccaccc ctggtgccgt ggtactggaa 600
 acccctctgt tccagctgat ccagtattcg ccgctcagcg aaacgcaata ccagcggccg 660
 atattcatgg tcccgccctg gatcaacaag tactacatcc ttgacctcg gcccgaaaac 720
 tctctaattc gtcattctact ggagcgaggc catcaagttt ttctgatgtc ctggcgcaac 780
 ttcactcagg aacaggccga catcacctgg gagcagatca tccaggacgg agtgatcagc 840
 gccctgcgca ctaccggggc catcagtggg gagcgccacc tgaactgttt gggtttctgc 900
 atcggcggca ccatgctgag ttgcgctcta gcggtgctgg cagcgcgctgg cgaccaggac 960
 attgccagcc tgagtctatt cgccactttt cttgactacc ttgataccgg gccgatcagc 1020
 gtcttcgtcg atgagcaact ggtggcctac cgtgagcgca ccatcggtgg ccatggtggc 1080
 aaatgtggcc tgttccgcgg tgaggacatg ggcaatacct tctccctgct gcggcccaac 1140
 gagctgtggt ggaactacaa cgtagacaaa tatctcaagg ggcagaagcc gctggctctg 1200
 ggtctactgt tctggaacaa cgacagcacc aatctgccgg ggcccctgta ttgctggtat 1260
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 aagttggatc tgcgggcat agacgcacca gcctacatct tgggaacca tgacgaccac 1380
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 gtcctcggcg cctccggcca catcgccggg gtgatcaacc cgccagatag gaacaagcgc 1500
 cattactggg tcaatgaaca catagcgccg gtagctgacg actggctgca gggagctcag 1560

CMT-0072 sequence listing.txt

| | |
|-------------------------------------------------------------------|------|
| cagcattccg gcagttggtg gggtgactgg ttcgcctggt tgaccggcta tgccggccca | 1620 |
| cgcaagcctg ccatcactat gctgggcagt gccgagtacc ccccgcttga acatgcgcca | 1680 |
| ggacgttatg tgaagctatg a | 1701 |